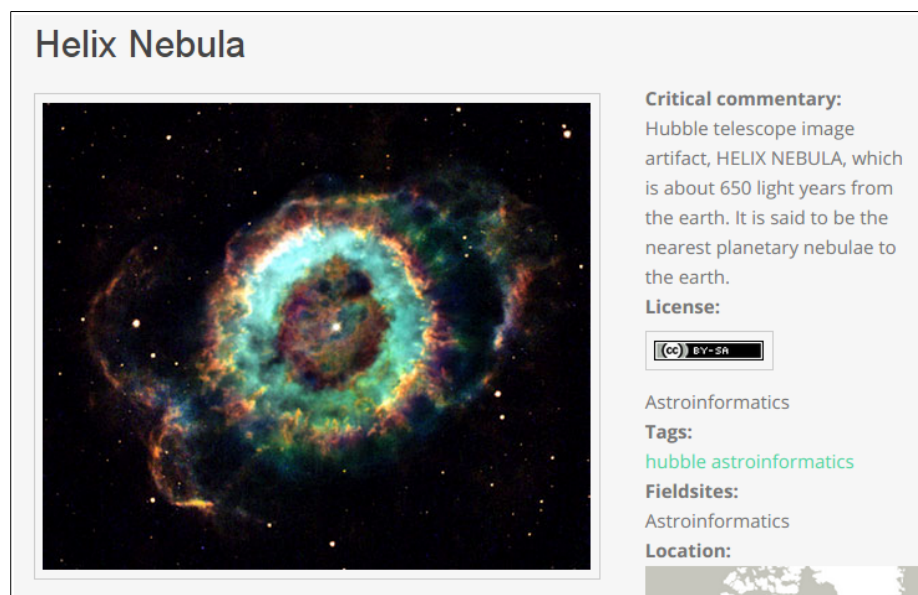


6. Disposition

According to the Research Data Alliance's workgroup on “practical policies” for data management (RDA WG-PP), “disposition” policies are triggered at every event in which a retention period has been reached to delete or archive a digital object. For the needs of the PECE project in particular, “disposition” further represents the need for organizing information in a way to allows for ethnographic data to be readily available for sharing across platforms and research groups in the humanities and social sciences.

There are two specific approaches to disposition which encompass both the general orientation of the RDA WG-PP and the specific needs of the PECE project: 1) make it simple and straight forward for users to use flexible copyright content in their pieces of data; and 2) to trigger a disposition policy when an expiration period has been reached (as described in the section on “Data Retention” of this document).

The first approach consists in attributing by default a Creative Commons (CC) license with injunctions for authorship attribution and redistribution under the same license as well as provisions for portability of the license in its version 4.0 (that is, the usage of the International version of the license that is useful for data that travels across national jurisdictions). The information on the CC license is included as metadata for every digital object of the platform by default and displayed as a small logo at the website, so users can have convenient access to the text of the license:



The metadata for the artifact, which be can obtained via PECE Open API, also describes its “disposition” from a legal standpoint with the specification of the license:

```
{
  "Commentary": "Hubble telescope image artifact, HELIX NEBULA,
    which is about 650 light years from the earth.
    It is said to be the nearest planetary nebulae
    to the earth.",
```

```

    "Fieldsites": "Astroinformatics",
    "Format": "JPEG",
    "Group audience": "Astroinformatics",
    "Image Annotation": [],
    "Image URL": [],
    "License": "//creativecommons.org/licenses/by-sa/4.0/",
    "Location": {
      "lat": "20",
      "lat_cos": "0.93969262078591",
      "lat_sin": "0.34202014332567",
      "lng": "-10",
      "lng_rad": "-0.17453292519943"
    },
    "Tags": "hubble astroinformatics",
    "URI": [],
    "nid": "18",
    "node_created": "1434859251",
    "node_revision_vid": "18",
    "node_title": "Helix Nebula",
    "users_node_name": "sharon"
  }
}

```

The second approach to disposition as per orientation of the RDA WG-PP is the rule for automatic deletion of artifacts that are marked as “expired.” This rule is turned-off by default for the PECE distribution, but it can be activated at any point by the administrator if needed. As discussed on the section on “Data Retention,” PECE is, differently from other projects for data management, specifically targeted for data sharing among ethnographers, so retention and expiration periods are not the rule but the exception in the context of our data practices. Other disposition policies can be configured to be triggered automatically in the system as well.

It is important to observe that “retention” and “expiration” are not common practice in the context of ethnographic projects, except for cases in which interviewees explicitly request that interview or other types of collected materials with sensitive information get destroyed after the research project is over. This can be done on PECE by setting up “expiration” dates as explained in the previous section on “Data Retention”. In the example below, whenever an artifact reaches the expiration date as defined by a user (if expiration date is needed since this is a non-mandatory artifact field), the disposition rule to remove the artifact is automatically executed. This is achieved with the following Drupal rule:

```

{ "rules_pece_disposition_rule": {
  "LABEL": "PECE Disposition rule",
  "PLUGIN": "reaction rule",
  "OWNER": "rules",
  "REQUIRES": ["rules", "node_expire"],
  "ON": {"node_expired": [] },
  "DO": [{ "entity_delete": {"data": ["node"]} }]
}
}

```

Instruction for developers: The configuration file “PECE_disposition_rule.txt” in the appendix should be imported, if needed, via configuration interface for the “rules” module (as explained in the previous section on “Notification”). This policy depends on the installation of the module “creative_commons” (7.x-1.2) and its configuration for the license “CC-BY-SA International 4.0” to be chosen as default license for every artifact. In the configuration of the PECE distribution, this is not a mandatory field when registering and uploading new content.